



Sheet 1 of 5

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. OGS-0002/ P0055-USw01	Application No. 10/618,165
	Applicant Terence D. Butters, et al.	
	Filing Date July 11, 2003	Group Not Yet Assigned
	Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
RD	1	Abe, A., et al., "Reduction of globotriaosylceramide in fabry disease mice by substrate deprivation," <i>J. of Clin. Invest.</i> , June 2000, 105(11), 1563-1571
RD	2	Asano, N., et al., "Novel α -L-fucosidase inhibitors from the bark of <i>angylocalyx pynaertii</i> (leguminosae), <i>Eur. J. Biochem.</i> , 2001, 268, 35-41
RD	3	Asano, K., "New entry for asymmetric deoxyzasugar synthesis: syntheses of deoxymannojirimycin, deoxyaltrojinimycin and deoxygalactostatin," <i>Chem. Commun.</i> , 1999, 41-42
RD	4	Barili, P.L., et al., "Double reductive amination of L-arabino-Hexos-5-uloses: a diastereoselective approach to 1-deoxy-D-galactostatin derivatives (#)(°)," <i>Tetrahedron</i> , 1997, 53(9), 3407-3416
RD	5	Baxter, E.W., et al., "Expeditious synthesis of azasugars by the double reductive amination of dicarbonyl sugars," <i>J. Org. Chem.</i> , 1994, 59, 3175-3185
RD	6	Bernotas, R.C., et al., "Efficient preparation of enantiomerically pure cyclic aminoalditols total synthesis of 1-deoxynojirimycin and 1-deoxymannojirimycin," <i>Tetrahedron Letts.</i> , 1985, 26(9), 1123-1126
*	7	Biochemical Genetics, A Laboratory Manual, Oxford University Press
RD	8	Chen, C.-S., et al., "Abnormal transport along the lysosomal pathway in mucopolipidosis, type IV disease," <i>Proc. Natl. Acad. Sci. USA</i> , May 1998, 95, 6373-6378
RD	9	Cox, T., et al., "Novel oral treatment of gaucher's disease with N-butyldeoxynojirimycin (OGT 918) to decrease substrate biosynthesis," <i>The Lancet</i> , April 29, 2000, 355, 1481-1485
RD	10	Fouace, S., et al., "Lipophilic prodrugs of 1-deoxynojirimycin derivatives," <i>Tetrahedron Letts.</i> , 2000, 41, 7313-7315
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RP	11	Fowler, P.A., et al., "Synthesis and activity towards yeast α -glucosidase of 1,5-dideoxy-1,5 imino-L-itol (1-deoxy-L-idonojirimycin)," <i>Carbohydrate Res.</i> , 1993 , 246, 377-381	
RP	12	Godskesen, M., et al., "Deoxyiminoalditols from aldonolactones - V. preparation of the four stereoisomers of 1,5-dideoxy-1,5-iminopentitols. Evaluation of these iminopentitols and three 1,5-dideoxy-1,5-iminoheptitols as glycosidase inhibitors," <i>Bioorganic & Medicinal Chem.</i> , 1996 , 4(11), 1857-1865	
RP	13	Goodman, L.A., et al., "Ectopic dendrites occur only on cortical pyramidal cells containing elevated GM2 ganglioside in α -mannosidosis," <i>Proc. Natl. Acad. Sci. USA</i> , December 1991 , 88, 11330-11334	
RP	14	Grandel, R., et al., "A short synthesis of azasugars via aldol reaction of chelated amino acid ester enolates," <i>Tetrahedron Letts.</i> , 1997 , 38(46), 8009-8012	
*	15	Greene, et al., Protective Groups in Organic Chemistry, 2 nd Ed., <i>Wiley-Interscience</i> , NY, 1991	
RP	16	Hügel, H.M., et al., "Stereoselective electrophilic cyclizations of δ -aminoalkenes derived from carbohydrates: synthesis of polyhydroxypiperidines," <i>Aust. J. Chem.</i> , 1998 , 51, 1149-1155	
RP	17	Ikota, N., et al., "Improved synthesis of 1-deoxynojirimycin and facile synthesis of its stereoisomers from (S)-pyroglutamic acid derivative," <i>Heterocycles</i> , 1997 , 46, 637-643	
RP	18	Jeyakumar, M., et al., "Delayed symptom onset and increased life expectancy in sandhoff disease mice treated with N-butyldeoxynojirimycin," <i>Proc. Natl. Acad. Sci. USA</i> , May 1999 , 96, 6388-6393	
RP	19	Kajimoto, T., et al., "Palladium-mediated stereocontrolled reductive amination of azido sugars prepared from enzymatic adol condensation: a general approach to the synthesis of deoxy aza sugars," <i>J. Am. Chem. Soc.</i> , 1991 , 113, 6678-6680	
RP	20	Kazmaier, U., et al., "A short synthesis of polyhydroxylated piperidines by adol reaction of chelated amino acid ester enolates," <i>Eur. J. Org. Chem.</i> , 1998 , 1833-1840	
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RD/	21	Lee, B.W., et al., "A short and efficient synthesis of 2R,3R,4R-3,4-dihydroxyproline, 1,4-dideoxy-1,4-imino-L-xylitol, 2R,3R,4R,5S-3,4,5-trihydroxypipicolinic acid, and 1,5-dideoxy-1,5-imino-L-iditol," <i>Synthesis</i> , 2000 , 9, 1305-1309	
RD/	22	Le Merrer, Y., et al., "Synthesis of azasugars as potent inhibitors of glycosidases," <i>Bioorganic & Medicinal Chem.</i> , 1997 , 5(3), 519-533	
RD/	23	Liotta, L.J., et al., "A new class of endoglycosidase inhibitors. Studies on endocellulases," <i>J. Am. Chem. Soc.</i> , 1989 , III, 783-785	
RD/	24	Liu, Y.-Y., et al., "Uncoupling ceramide glycosylation by transfection of glucosylceramide synthase antisense reverses adriamycin resistance," <i>J. of Biol. Chem.</i> , March 10, 2000 , 275(10), 7138-7143	
RD/	25	Lundt, I., et al., "Deoxyiminoalditols from aldonolactones; IV: preparation of 1,5-dideoxy-1,5-iminoheptitols with L-glycero-D-manno, D-glycero-L-gulo and L-glycero-D-altro configuration," <i>Synthesis</i> , July 1995 , 787-794	
RD/	26	Mehta, G., et al., "A norbornyl route to azasugars: a new synthesis of deoxynojirimycin analogues," <i>Tetrahedron Letts</i> , 2000 , 41, 5741-5745	
RD/	27	Mellor, H.R., "High-performance cation-exchange chromatography and pulsed amperometric detection for the separation, detection, and quantitation of N-alkylated imino sugars in biological samples," <i>Analytical Biochemistry</i> , XP-001055984, 2000 , 284, 136-142	
RD/	28	Paulsen, H., et al., "Über monosaccharide mit stickstoffhaltigem siebenring," <i>Chem. Ber.</i> , 1967 , 100, 512-520 (German language); Chemical Abstracts #3208 "Thymine nucleosides of 3-deoxy-d-xylo-hexose," page 3207	
RD/	29	Paulsen, H., et al., "Synthese und reaktionen von keto-piperidinen," <i>Chem. Ber.</i> , 1967 , 100, 802-815 (English Abstract)	
RD/	30	Platt, F.M., et al., "N-butyldeoxygalactonojirimycin inhibits glycolipid biosynthesis but does not affect N-linked oligosaccharide processing," <i>J. of Biol. Chem.</i> , October 1994 , 269(43), 27108-27114	
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<i>Ro</i>	31	Platt, F.M., et al., "Prevention of lysosomal storage in tay-sachs mice treated with <i>N</i> -butyldeoxynojirimycin," <i>Science</i> , April 18, 1997, 276, 428-431	
<i>Ro</i>	32	Poitout, et al., "Synthesis of azasugars. Part 1 ² Isomerization of polyhydroxylated piperidines," <i>Tetrahedron Letts.</i> , 1996, 37(10), 1609-1612	
<i>Ro</i>	33	Rao, V.S., et al., "Regioselective eliminations in reactions of carbohydrate derivatives with superoxide, or with borohydride in 2-propanol," <i>Can. J. Chem.</i> , 1981, 59, 333-338	
<i>Ro</i>	34	Reitz, A.B., et al., "Pyrrolidine and piperidine aminosugars from dicarbonyl sugars in one step. Concise synthesis of 1-deoxyojirimycin," <i>Tetrahedron Letts.</i> , 1990, 31(47), 6777-6780	
<i>Ro</i>	35	Schaller, C., et al., "Total synthesis of (+)- and (-)-1-deoxynojirimycin (1,5-dideoxy-1,5-imino-D- and L-glucitol) and of (+)- and (-)-1-deoxyidonojirimycin (1,5-dideoxy-1,5-imino-D- and L-iditol) via furoisoxazoline-3-aldehydes," <i>Carbohydrate Res.</i> , 1998, 314, 25-35	
<i>Ro</i>	36	Simons K., et al., "Functional rafts in cell membranes," <i>Nature</i> , June 5, 1997, 387, 569-572	
<i>Ro</i>	37	Subramanian, T., et al., "Synthesis of oxazolidinyl azacycles via ring-closing olefin metathesis: a practical entry to the synthesis of deoxy-azasugars and hydroxypyrrolizidines," <i>Tetrahedron Letts.</i> , 2001, 42, 4079-4082	
<i>Ro</i>	38	Uriel, C., et al., "A short and efficient synthesis of 1,5-dideoxy-1,5-imino-D-galactitol (1-deoxy-D-galactostatin) and 1,5-dideoxy-1,5-imino-L-altritol (1-deoxy-L-altrostatin) from D-galactose," <i>Synlett</i> , 1999, 5, 593-595	
<i>Ro</i>	39	Xu, Y.-M., et al., "A new approach to 1-deoxy-azasugars: asymmetric synthesis of 1-deoxymannojirimycin and 1-deoxyaltronojirimycin," <i>J. Chem. Soc. Perkin Trans.</i> , 1997, 1, 741-746	
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Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
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RP	44	WO 01/10429 A2	02/15/01	PCT			
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